ProtoArc

EN

EM11 NL

2.4G+Bluetooth Dual-Mode
Ergonomic Mouse

User Manual

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UK

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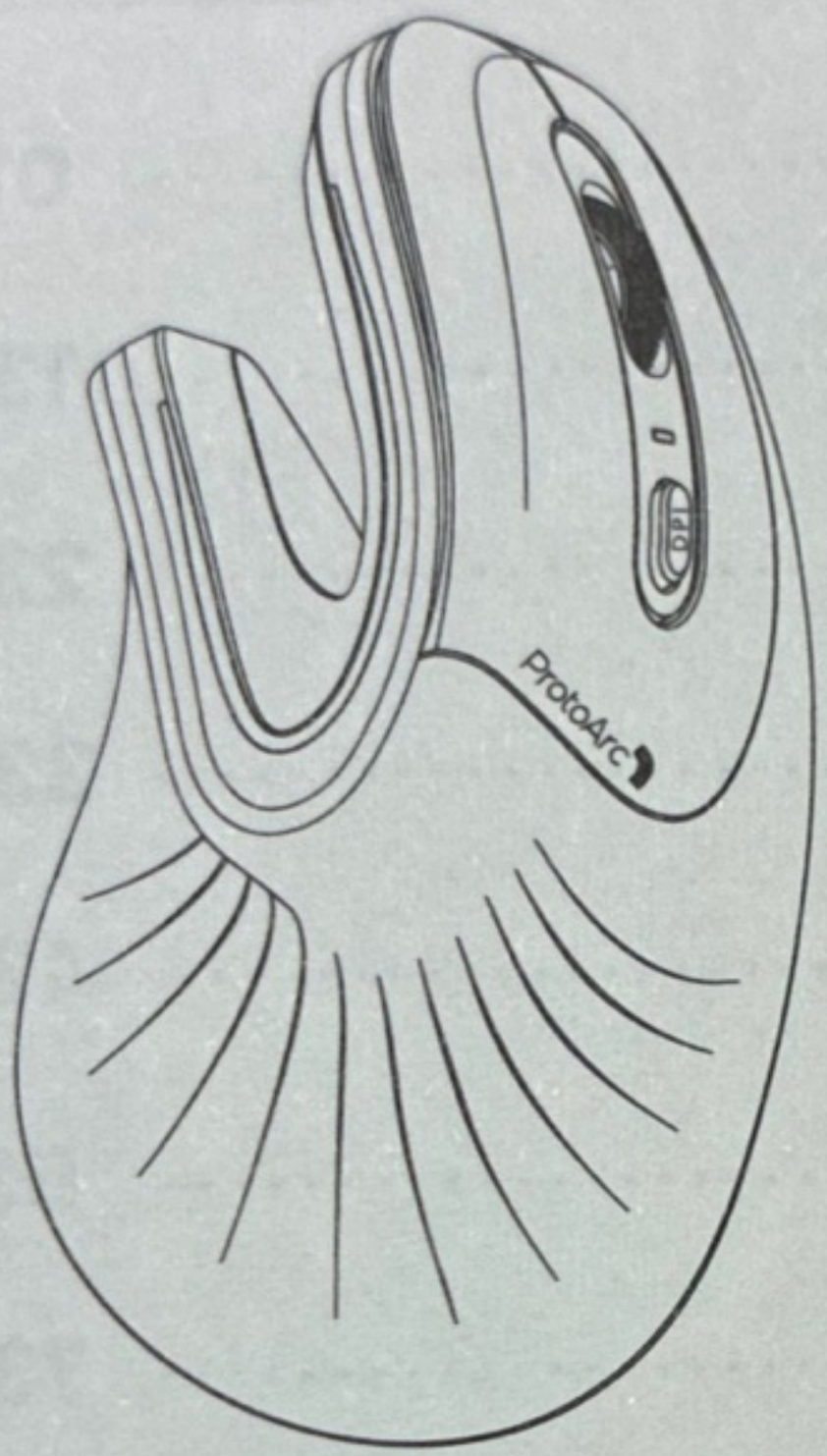
Package List



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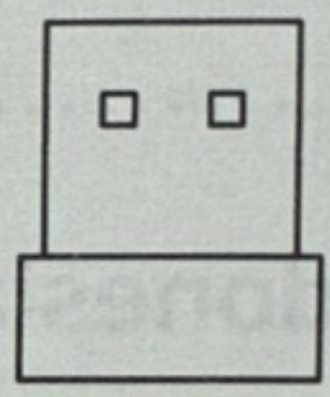
Mouse* 1



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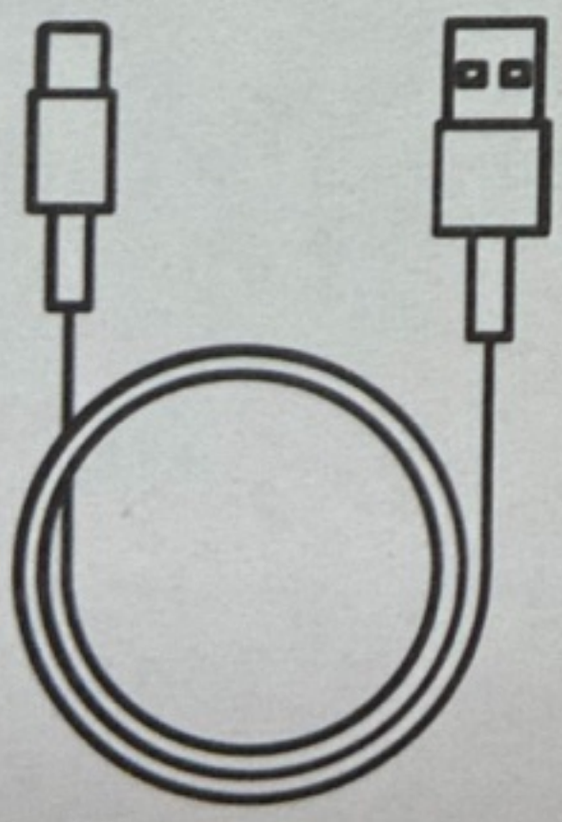
USB Receiver* 1



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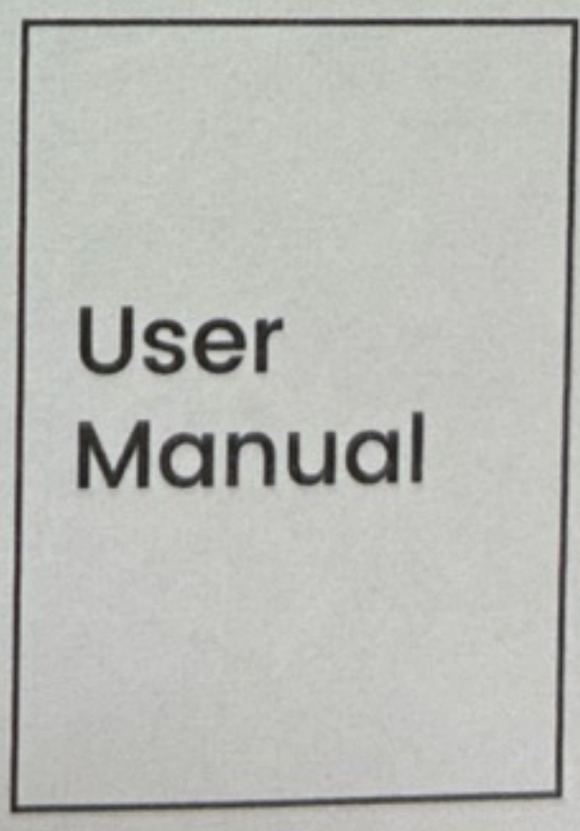
Type-C
Charging Cable* 1



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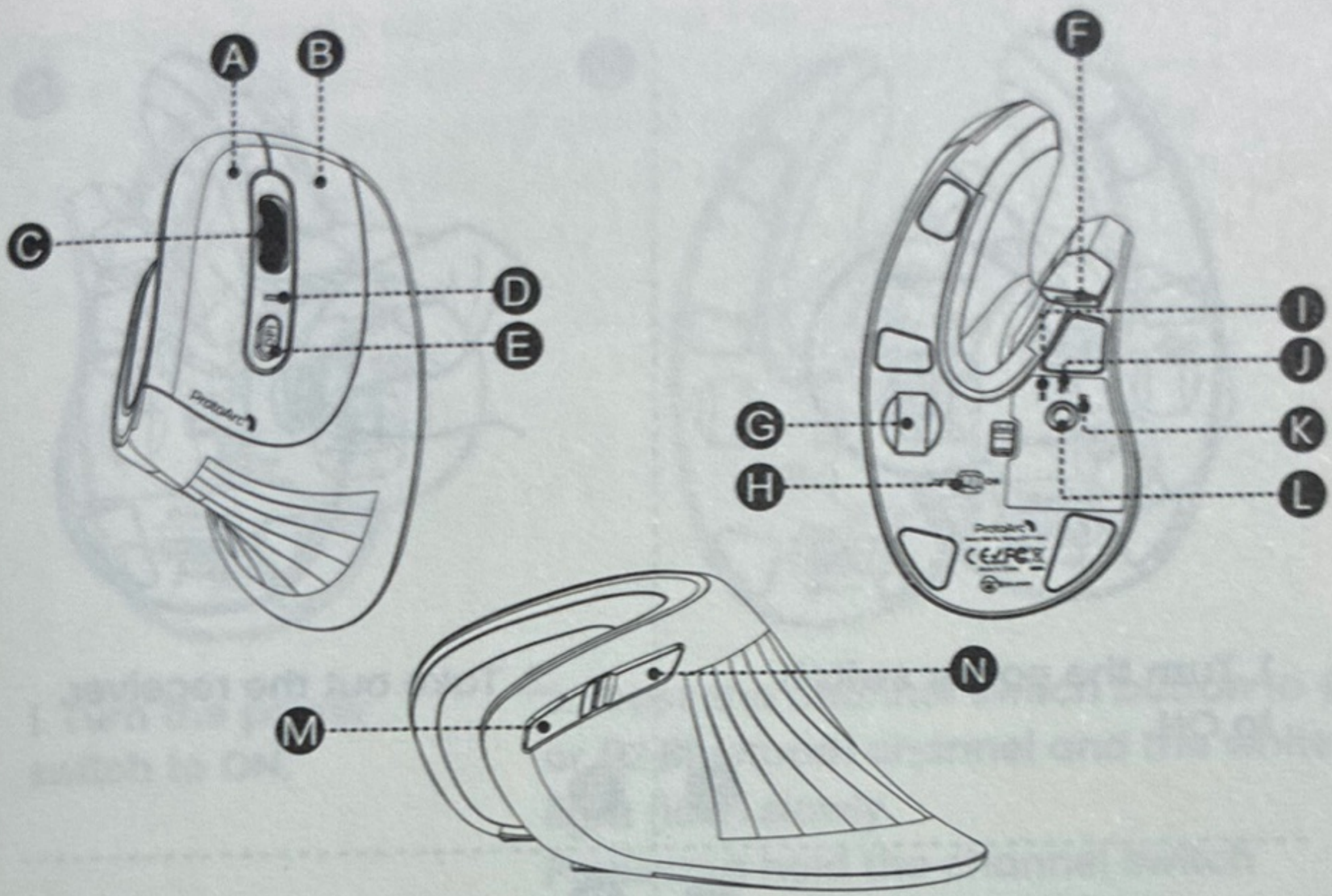
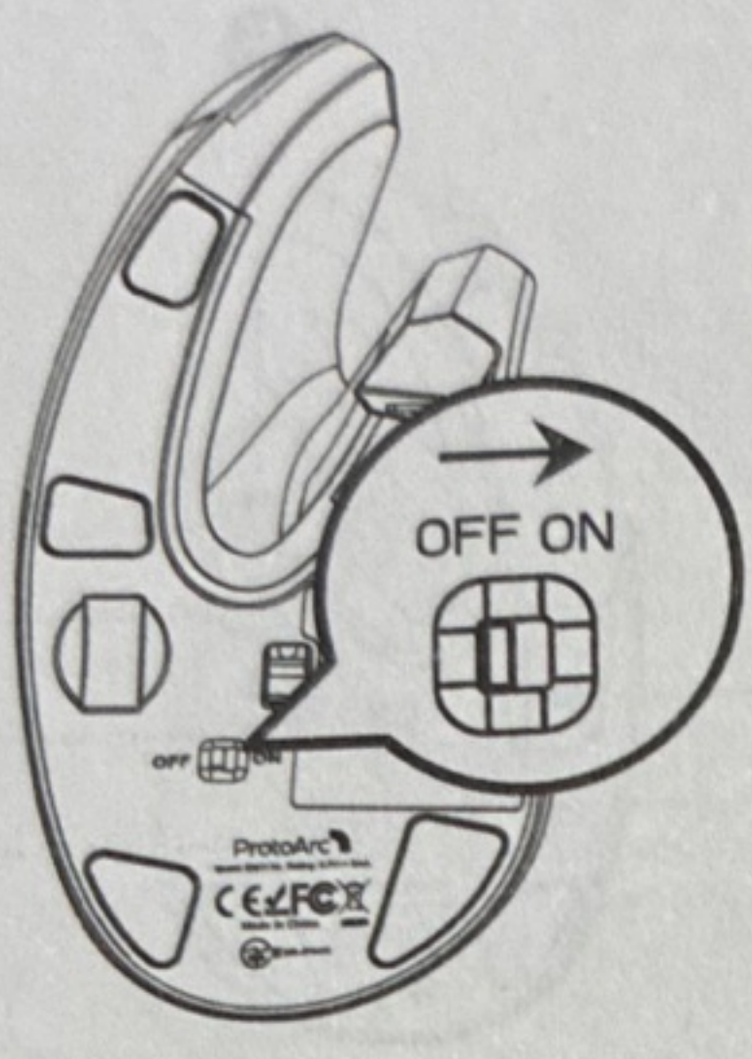
User Manual* 1

Product Features

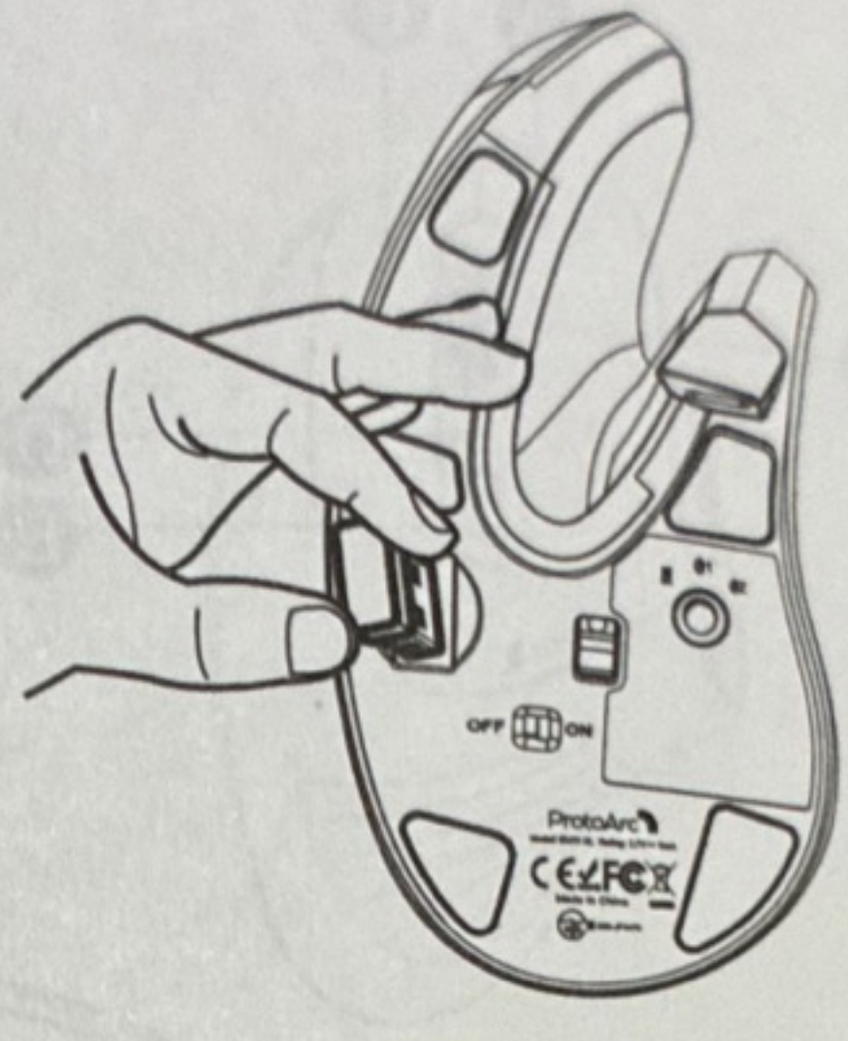


- A Left Button
- B Right Button
- C Scroll Wheel
- D DPI Indicator / Low-Battery Indicator
- E DPI Button
- F TYPE-C Charging Port
- G USB Receiver
- H Power Switch
- I 2.4G Indicator
- J Bluetooth 1 Indicator
- K Bluetooth 2 Indicator
- L Channel Switch Button
- M Forward button
- N Backward button

2.4G USB Connection

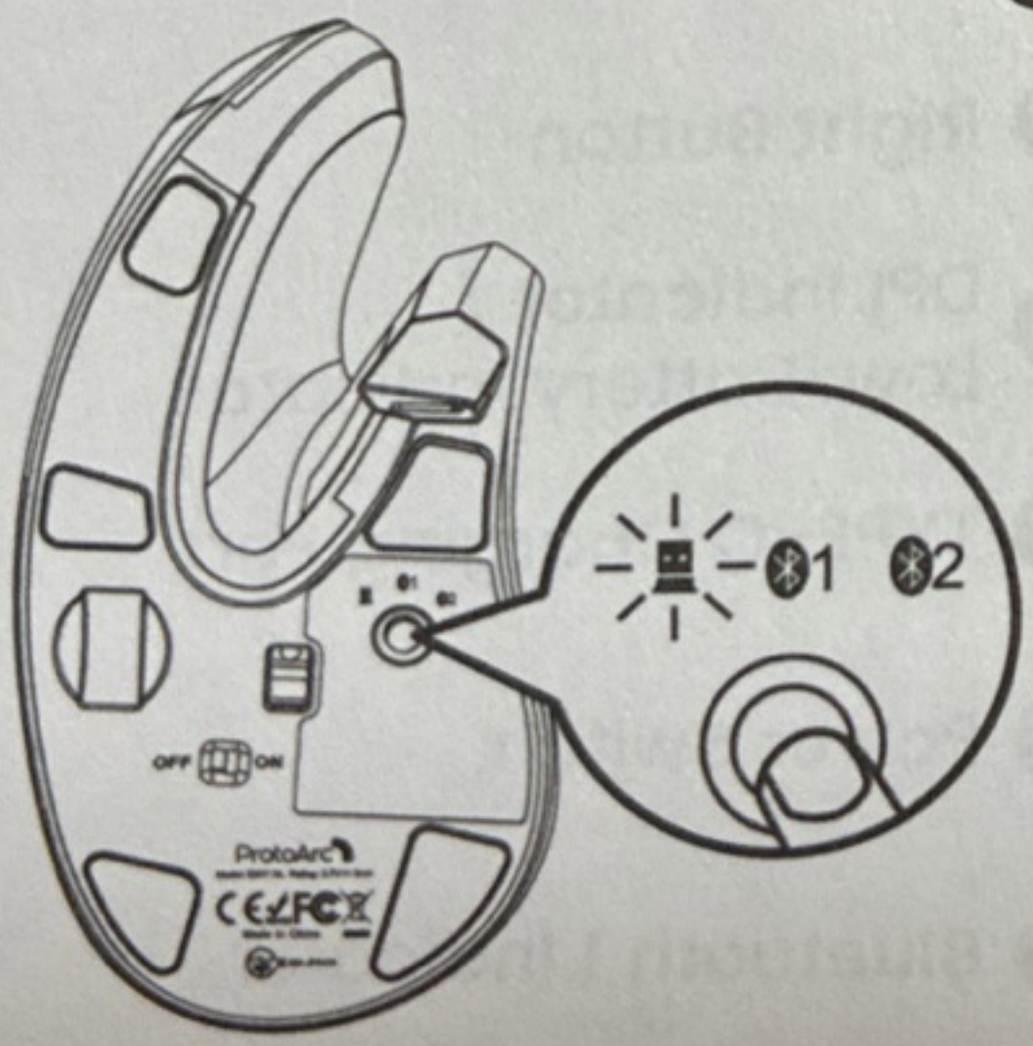


1. Turn the power switch to ON.



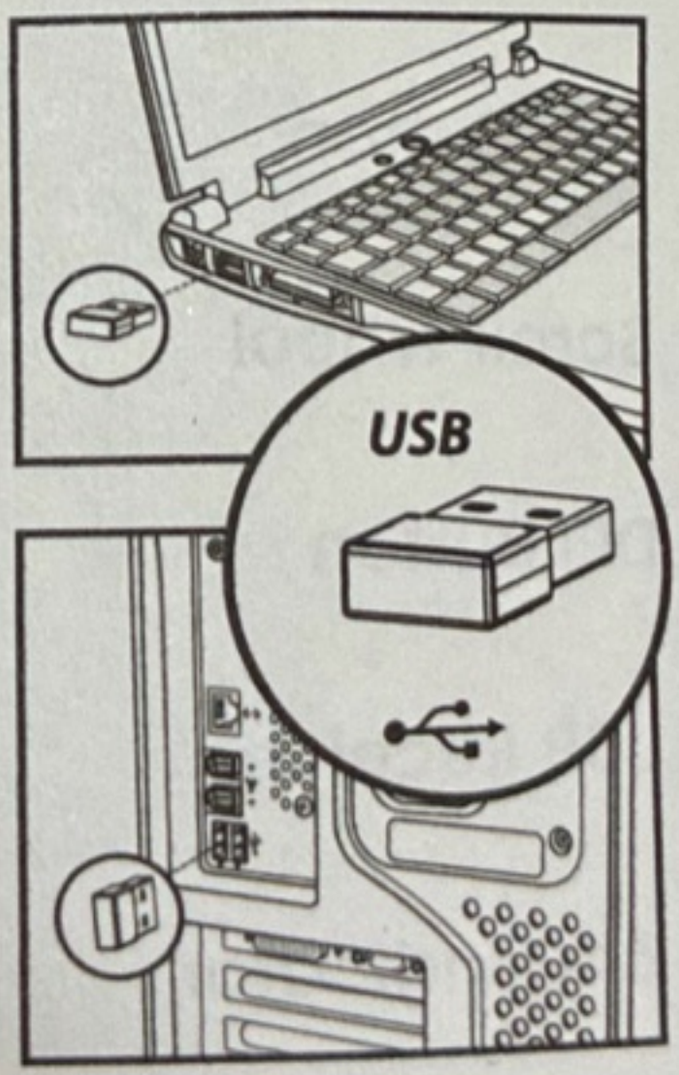
2. Take out the receiver.

1 2



3. Press the channel switch button at the bottom until the white light comes on to enter 2.4G mode.

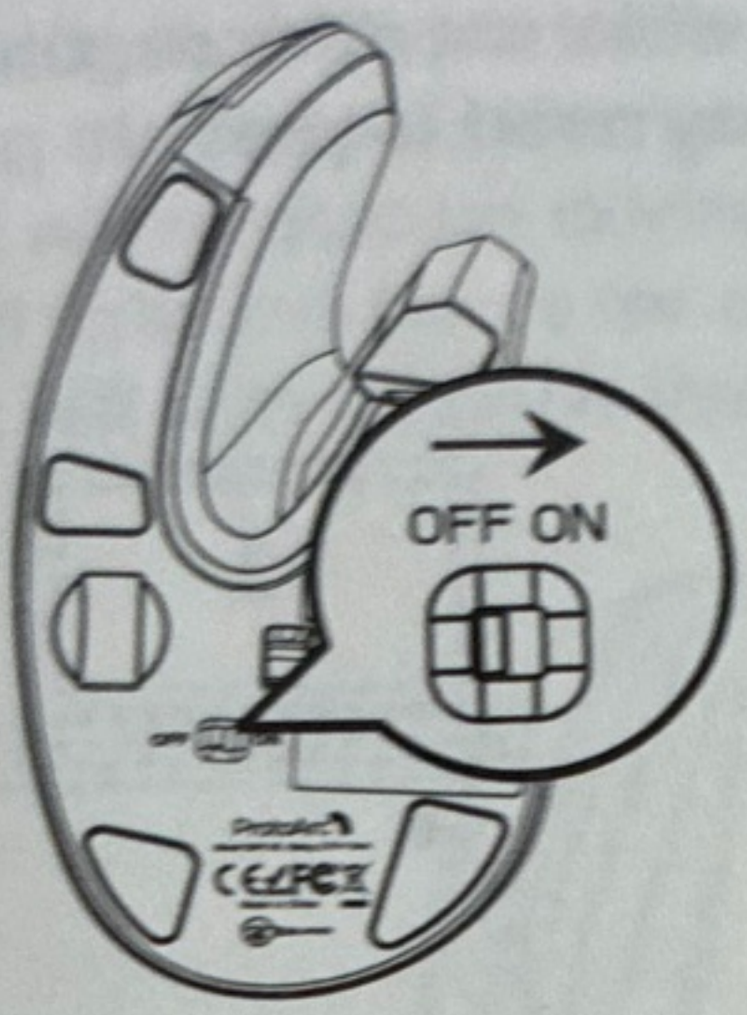
3 4



4. Insert the usb receiver into your computer's usb port.

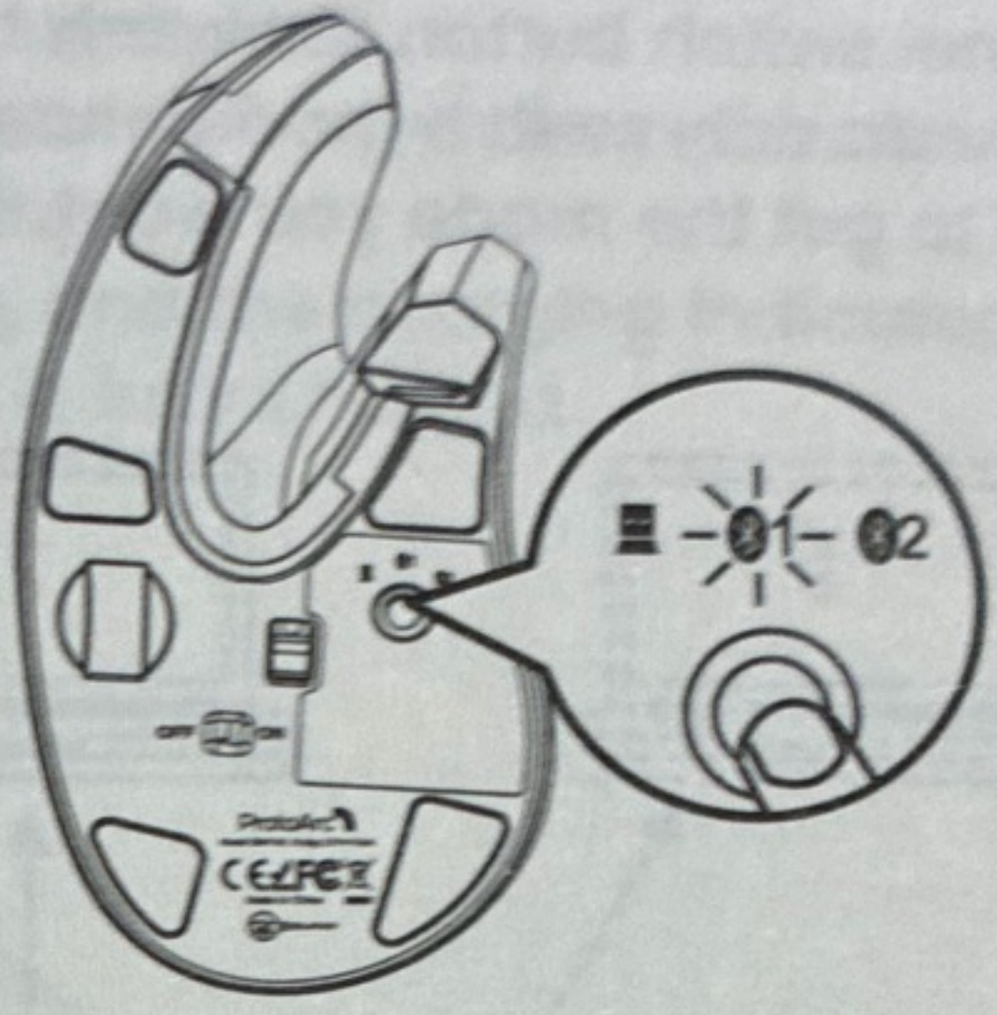
Bluetooth Connection

1



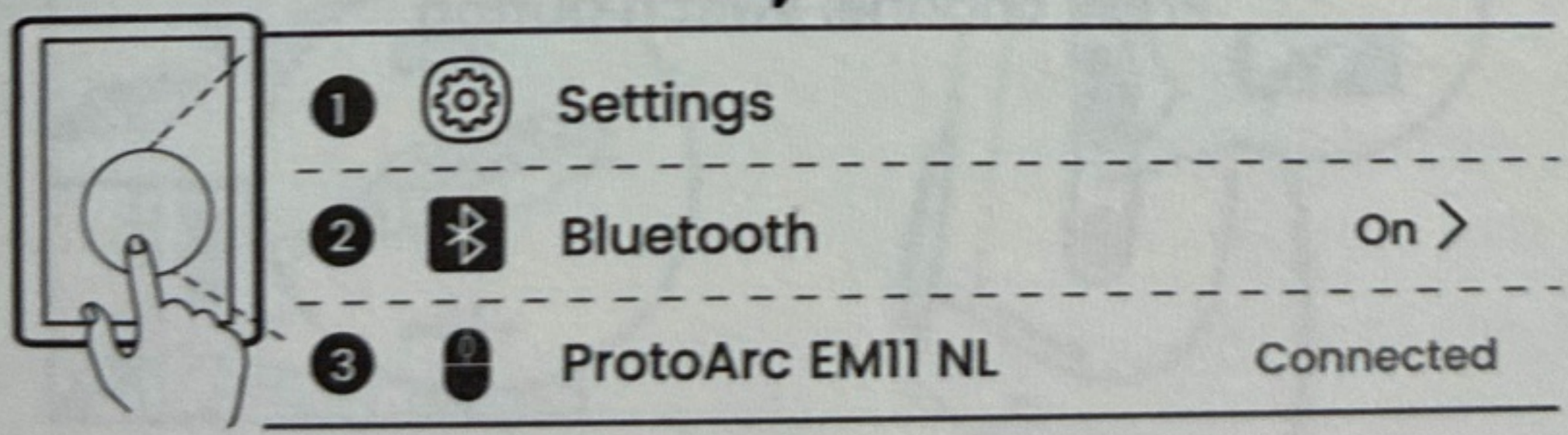
1. Turn the power switch to ON.

2



2. Press the channel switch button to 1 or 2 Bluetooth channel and the white light flash slowly.
Press and hold the channel switch button for 3~5 seconds until the white light flashes quickly, and the mouse enters the Bluetooth paring mode.

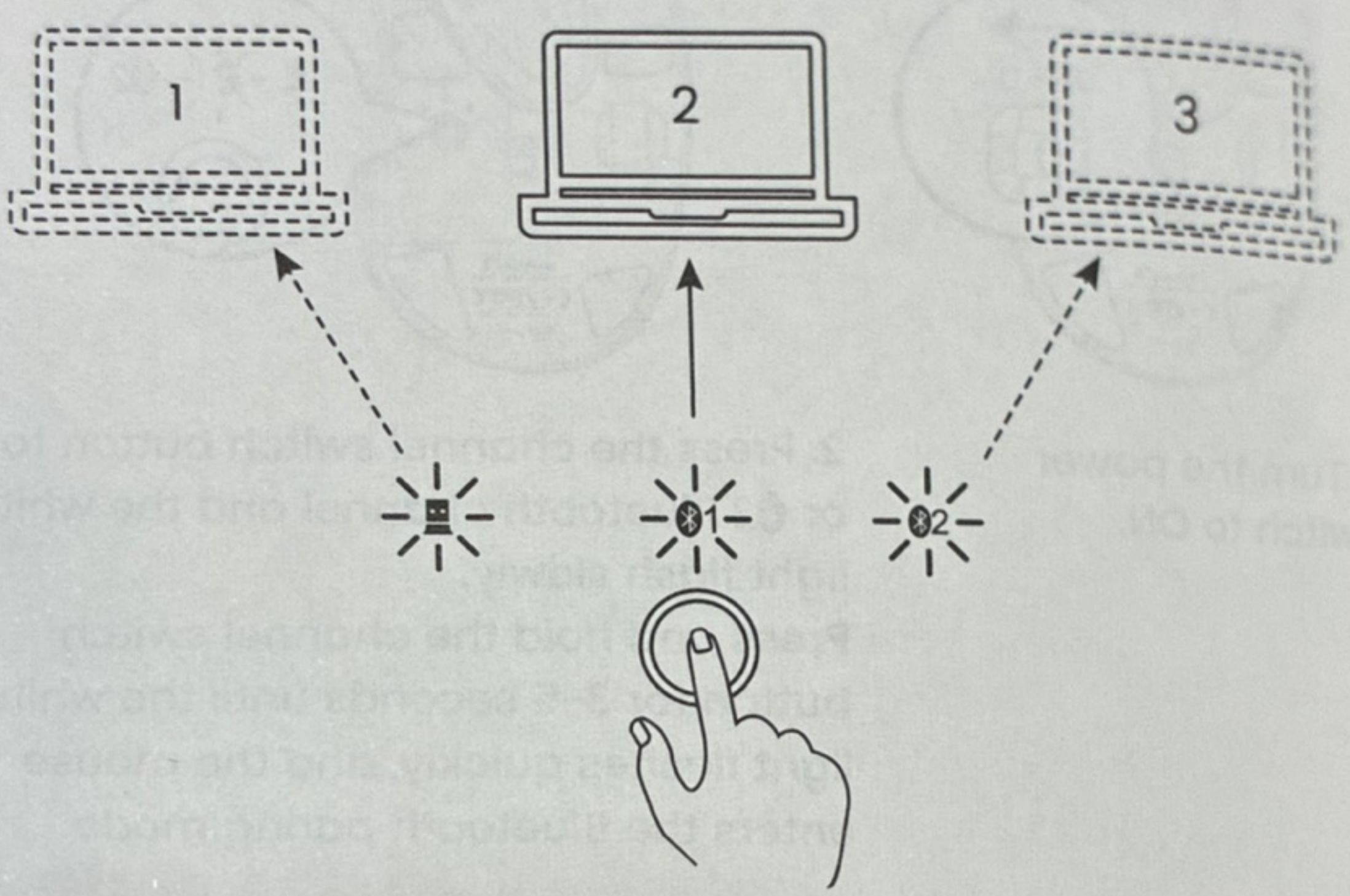
3



3. Turn on the Bluetooth settings on your device, search or select "ProtoArc EM11 NL" and start Bluetooth pairing until the connection is completed.

How to Switch Connection Mode

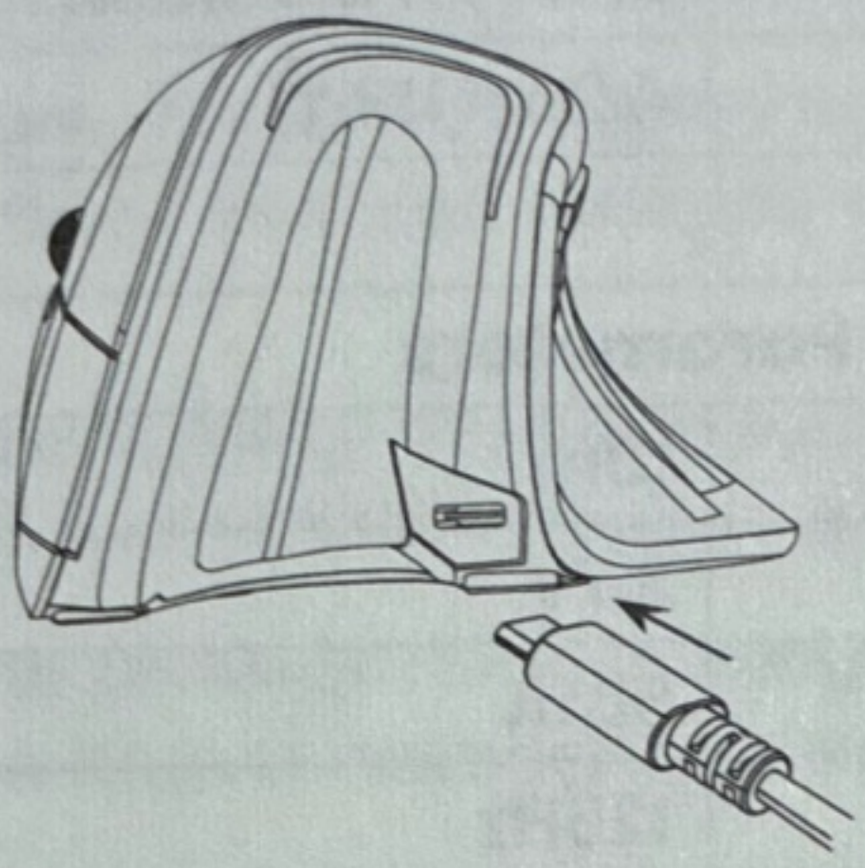
After Bluetooth and USB wireless mode is connected, press channel switch button to switch between different devices. One press can only switch mode once. You may need to press it twice to get the mode you want.



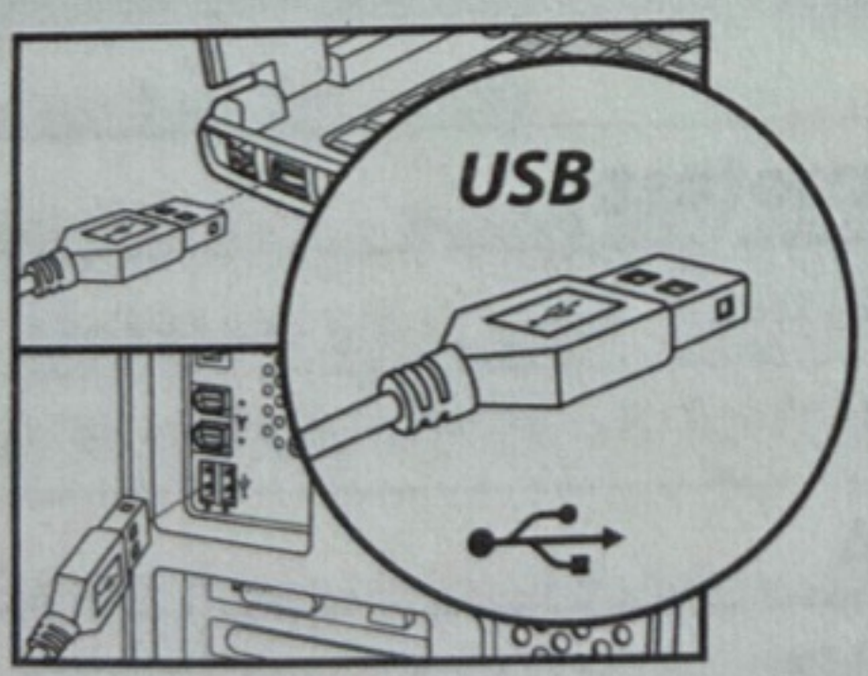
Press channel switch button

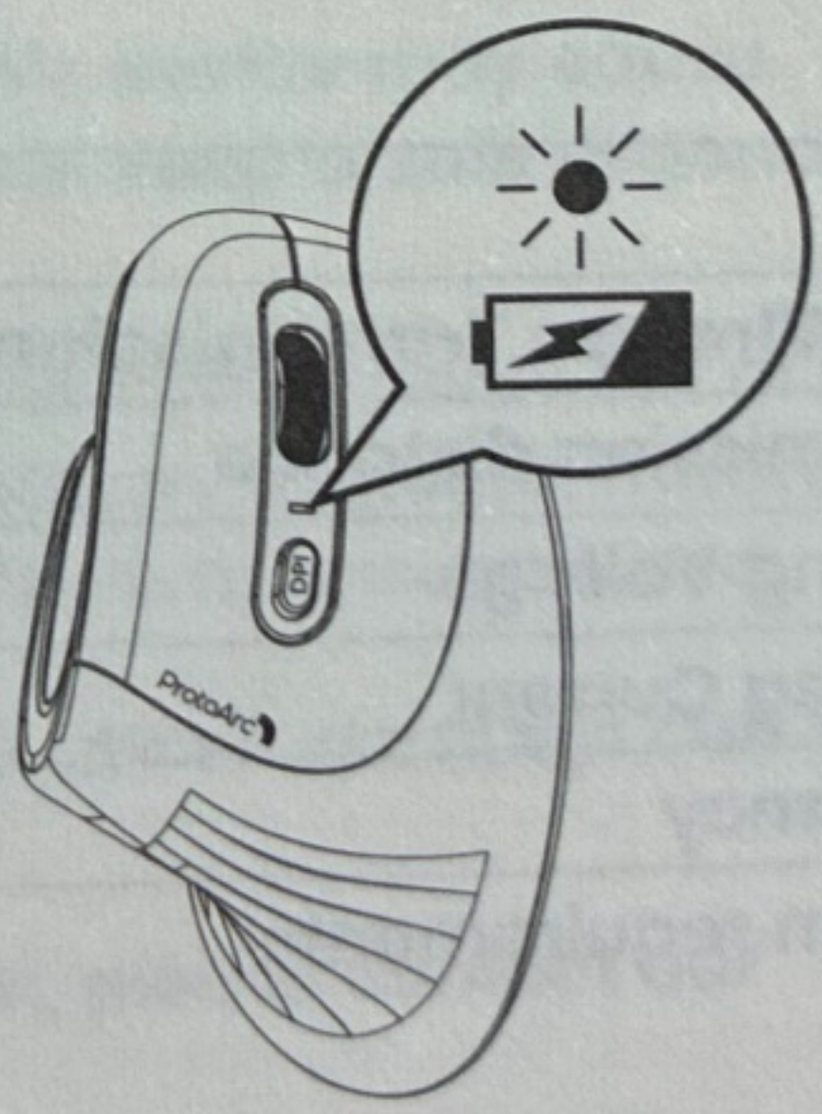
How to Charge the Mouse

When the battery is low, the low battery indicator light will start flashing in red until the mouse is turned off.
Using the Type-C charging cable to recharge. The red indicator light will remain on during charging.
It will take 2-3 hours for charging, and the charging indicator light will turn off once the mouse is fully charged.



Note: Best to use original data transmission cable.





Specifications

Basic Parameters	
Engine	Optical
DPI	1000-1600-2400
Lithium battery	500mAh
Click Life	3 million+
Product Dimensions	5.43*2.72*2.68 IN
Product Weight	4.2oz(119g)

Bluetooth Transmission Parameters	
Transmission distance	10m
Working Voltage	3.7V
Working Current	5mA
Frequency	125Hz
System requirements	Bluetooth-enabled device; Windows 8 / 10 or higher version; Mac OS X 10.12 or higher version; Android 4.3 or higher version.

2.4G Wireless Transmission Parameters	
Transmission distance	10m
Working Voltage	3.7V
Working Current	5mA
Frequency	250Hz
System requirements	Devices with USB ports; Windows XP, Windows 7 / 8 / 10; Mac OS X 10.12 or higher version.

Safety Warning

IMPORTANT: To reduce risk of fire, electric shock, or injury, follow these safety instructions.

⚠ Charging Safely: Use only the provided cable. Charge in a well-ventilated, dry area away from inflammable materials.

⚠ Battery Handling: Do not attempt to replace the item's lithium battery. Battery replacement should be conducted by qualified personnel to prevent hazards.

⚠ Heat Exposure: Avoid leaving the item in high-temperature environments or in direct sunlight, which could result in a fire hazard.

⚠ Liquid Exposure: Keep the item away from water and liquids. Do not use if wet until thoroughly dried.

⚠ Damage and Leakage: Cease usage and consult customer service if the item is damaged or the battery leaks.

⚠ Correct Disposal: Follow local regulations for disposing of electronic devices and batteries. Do not dispose of with household waste.

⚠ Radio Frequency Interference: This device may cause interference with other electronics. Keep a safe distance from sensitive devices.

⚠ Child Safety: Keep the item and its components out of reach of children to avoid choking or battery ingestion hazards. Never allow children to handle the item unsupervised.

CAUTION: Non-compliance with the above warnings can lead to serious injury or property damage.

For further assistance or information, please contact our customer service.

Emergency Contact: +1 866-287-6188 (United States)

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FcC Rules.These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.If this equipment does causeharmful interference toradio or televisionreception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Warning

This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSS standard(s). Operation is subject to the followingtwo conditions:

(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exemptes de licence d'innovation, sciences et developpement économique Canada . Son fonctionnement est soumis aux deux conditions suivantes :
(1) Ce dispositif ne peut causer d'interférences ; et
(2)Ce dispositif doit accepter toute interference , y compris les interferences qui peuvent causer un mauvais fonctionnement de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

L'appareil a éte évalué pour répondre aux exigences genérales d'exposition aux RF.
L'appareil peut etre utilise sans restriction dans des conditions d'exposition portables.

EU Declaration of Conformity

Declared Object:	2.4G+Bluetooth Dual-Mode Ergonomic Mouse
Model:	EM11 NL
Rating:	3.7V ⎓ 10mA
Input:	5V ⎓ 250mA
Place of Production:	Made in China
Manufacturer:	Dongguan Togran Electronics Technology Co.,Ltd
Email:	sales08@togran.com
Address:	No.110, Shidan Middle Road, Shijie Town, Dongguan City, Guangdong Province, China, 523290

European Representative:

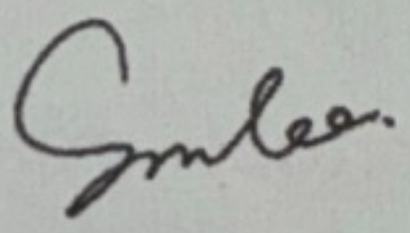
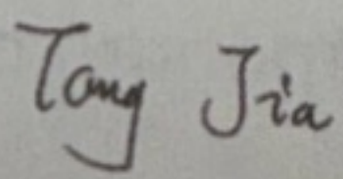
EC REP

Business name: g.L.L. GmbH
Business address: Bauernvogtkoppel, 55c, 22393, Hamburg, Germany
Email: g.L.L.DE@outlook.com
Tel: +49 162 3305764

UK REP

Business name: AMANTO INTERNATIONAL TRADE LIMITED
Business address: The Imperial, 31-33 St Stephens Gardens, Notting Hill, London, United Kingdom, W2 5NA
Email: AmantoUK@outlook.com
Tel: +44 7921 801 942

It is our sole responsibility to declare that the above products are in full compliance with Directive 2014/53/EU, 2011/65/EU (as amended)

Position:	Managing Director
Signature:	
Date of Sign:	2022.1.5
EU agent name:	
Date of Sign:	2022.1.5

UK CA CE RoHS